

Banana event QCAV-4

Collection of nucleotide and amino acid sequences

Transgenes integrated into QCAV-4

>MamRGA2 - nucleotide sequence

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>MamRGA2 - amino acid sequence

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>NPTII - nucleotide sequence

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>NPTII

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EEHQGLAPAEFLFARLKARMPDGEDLVVTHGDACLPNIMVENGRFSGFIDCGRLGVADRYQDIALATRDIAEELGGEWADR
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Cavendish endogenous homologues of MamRG2

>MaRG2a - nucleotide sequence

ATGGCTGGTGTACATCACAGGCAGCGCGGTGTTTCCCTGGTGAATGAAGTCTTAAACCGGTCCATCAATTTGATCGT
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TCGCTGTAGCACCACCTGA

>MaRGA2a - amino acid sequence

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>MaRGA2b - nucleotide sequence

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>MaRGA2b - amino acid sequence

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>MaRGA2c - nucleotide sequence

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Sequence information of the pSAN3 plasmid used to generate event QCAV-4

LOCUS **pSAN3** 13084 bp DNA circular UNA 30-JAN-2023
DEFINITION Plasmid used to create banana event QCAV-4 via Agrobacterium-mediated transformation. Based on binary vector pCAMBIA-2200.
ACCESSION .
VERSION .
KEYWORDS .
SOURCE Binary vector pCAMBIA-2200
ORGANISM Binary vector pCAMBIA-2200

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//

Sequence information of a 34,636 bp region of the insert in QCAV-4

- Total length: 34,636 bp
- Insert size: 26,851 bp
- 3' Chromosome 6 flanking sequence: 4,211 bp
- 5' Chromosome 6 flanking sequence: 3,576 bp (include 5' downstream gene Macma4_06_g29410.1)

LOCUS **QCAV-4 insert organisation** 34636 bp DNA linear UNA 21-MAR-2023
DEFINITION Sequence of the insert in QCAV-4 including 3' and 5' chromosome 6 flanking sequences
ACCESSION N/A
VERSION N/A
KEYWORDS N/A
SOURCE
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ORIGIN

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